

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5791409").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/30 13:30
S2	25	("1913636"   "2136518"   "3083765"   "3171502"   "3414069"   "3684009"   "3920070"   "4893675"   "4938291"   "5018580"   "5101895").PN. OR ("5791409"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:31
S3	12	("3087546"   "3332492"   "3489211"   "4047568"   "5010955").PN. OR ("5101895"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:35
S4	43	("2353284"   "2899000"   "2940522"   "3114416"   "3289760"   "3351134"   "3684009").PN. OR ("5010955"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:36
S5	46	("1478306"   "1667155"   "2124663"   "2344598"   "2466991"   "2705129"   "2756968"   "2799477"   "2872160"   "3208540"   "3548362"   "3552510"   "3656564"   "3712854"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:38

		"3749187"   "4031972"   "4116012"   "4354560"   "4401171"   "4431065"   "4461361"   "4470470"   "4565252"   "5010955"   "5141063"   "5148875"   "5201817"   "5385205"   "5402856"   "6009961"   "6070677").PN. OR ("6427788"). URPN.				
S6	4203	casing near (cut cutt\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:57
S7	1165	S6 and blade	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:57
S8	242	S7 and "166"/\$. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:57
S9	86	S8 and (plug dart)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:57
S10	18	("3126065"   "3376927"   "4047568").PN. OR ("5018580"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 14:11
S11	31	("1283969"   "1529848"   "1772710"   "2112026"   "2353284"   "2481637"   "2863511"   "3316970"   "4427070"   "4893675").PN. OR ("5014780"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 14:14
S12	1	("2136518"). URPN.	USPAT	OR	ON	2008/07/30 14:20
S13	116	("3195636"   "4710074").PN. OR ("4938291"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 14:32

S14	514	"1166040"   "1233888"   "1494128"   "1589781"   "1590357"   "1597212"   "1613461"   "1756531"   "1880216"   "1981525"   "2046870"   "2087185"   "2122757"   "2145168"   "2160263"   "2187275"   "2204585"   "2214226"   "2226804"   "2273017"   "2301495"   "2371640"   "2383214"   "2447629"   "2500275"   "2546295"   "2583316"   "2627691"   "2647847"   "2734580"   "2796134"   "2812025"   "2907589"   "2929741"   "3015362"   "3015500"   "3018547"   "3039530"   "3067819"   "3068563"   "3104703"   "3111991"   "3167122"   "3175618"   "3179168"   "3188816"   "3191677"   "3191680"   "3203451"   "3203483"   "3209546"   "3210102"   "3233315"   "3245471"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/30 15:30
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"3270817"
"3297092"
"3326293"
"3343252"
"3353599"
"3354955"
"3358760"
"3358769"
"3364993"
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"3489220"
"3498376"
"3504515"
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"3704730"
"3709306"
"3711123"
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"3764168"
"3776307"
"0331940"
"0332184"
"0341237"
"4226449"
"4257155"
"4355664"
"4442586"
"4530231"
"4651831"
"4754781"
"4779445"
"4930573"
"0046818"

		"5306101"   "5791409"   "0519805"   "6345373"   "6419025"   "6543552"   "6701598"   "6702030"   "6708767"   "6712401"   "6722443"   "6843322"   "6892819"   "6902000"   "6902652"   "0802880"   "0806156"   "0958517"   "0984449").PN.				
S15	738	((166/298) or (166/55.8)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/30 15:44
S16	23	("2215632"   "2284170"   "3005493"   "3083765"   "3225828"   "3280913").PN. OR ("4119151"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 18:00
S17	8	166/386.ccls. and (166/298 166/55.8).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 18:17
S18	3395	reamer and (extend\$3 expand \$3 actuat\$3) and (plug dart ball)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 18:33
S19	41016	"175"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 18:33
S20	605	S18 and S19	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 18:34
S21	827	reamer same (extend\$3 expand \$3 actuat\$3) same (plug dart ball)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 18:34
S22	218	S21 and S19	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 18:34
S23	2	("2218766"). URPN.	USPAT	OR	ON	2008/07/30 18:52

S24	12	("2899000"). URPN.	USPAT	OR	ON	2008/07/31 12:02
S25	0	("2158243"). URPN.	USPAT	OR	ON	2008/07/31 12:09
S26	1324	(pump\$3 near down) with (plug dart ball restrictor restriction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/31 13:30
S28	3611111	cut cutting sever severing destroy destroying shear shearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/31 13:32
S29	1324	(pump\$3 near down) with (plug dart ball restrictor restriction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/31 13:32
S30	868	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/31 13:32
S31	727	S30 and ((fluid hydraulic) with pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/31 13:33
S32	635	S31 and "166"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/31 13:33
S33	80	S32 and (cutter blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/31 13:34
S34	15	("1233888"   "1880218"   "2447629"   "2796134"   "3223159").PN. OR ("3570603"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 13:44

S35	31	("1283969"   "1529848"   "1772710"   "2112026"   "2353284"   "2481637"   "2863511"   "3316970"   "4427070"   "4893675").PN. OR ("5014780"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 16:15
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8/ 1/ 2008 11:16:25 AM

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Cutter for Casing.wsp